

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : Not known (continuation of 10/202,971) Confirmation No. Not known
Applicant : Eslamy et al.
Filed : September 22, 2003
TC/A.U. : Not known
Examiner : Not known

Docket No. : P93D2-US
Customer No. : 27521

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Listed on an attached Form PTO/SB/08A is information known to applicant(s).

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considered to be, material to patentability as defined in §1.56.

☒ This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):

☒ (1) It is being filed within 3 months of the application filing date (other than the filing date of a continued prosecution application under §1.53(d))

-- OR --

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☐ 37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; (3) the mailing date of a first Office action on the merits, or (4) the mailing date of a first Office Action after the filing of a request for continued examination under §1.114, but before the mailing date of the earlier of a final office action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, then:

☐ a statement as specified in §1.97(e) is provided below; **or**

☐ a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

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B. a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

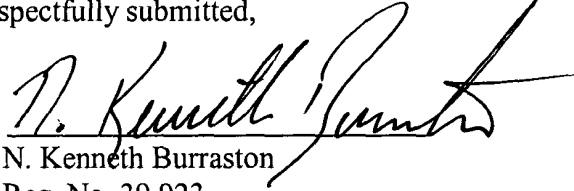
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IDS dated September 22, 2003

☒ No fee is due.

☐ A check in the amount of \$_____ is enclosed for the above fee.

Respectfully submitted,

Date: September 22, 2003

By 
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				<i>Complete If Known</i>	
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				First Named Inventor	Eslamy et al.
				Group Art Unit	Not known
				Examiner Name	Not known
Sheet	1	of	5	Attorney Docket No.	P93D2-US

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code ²			
	1	3379937		Shepherd et al.	4/23/1968	
	2	3702982		Kelley et al.	11/14/1972	
	3	3781683		Freed	12/25/1973	
	4	3849728		Evans	11/19/1974	
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	6	4032058		Riseman	6/28/1977	
	7	4087747		Deegen et al.	5/2/1978	
	8	4357062		Everett	11/2/1982	
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	12	4553192		Babuka, et al	11/12/1985	
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	18	4837622		Whann et al.	6/6/1989	
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	20	4899106		Ogura	2/6/1990	
	21	4918032		Jain, et al	4/17/1990	
	22	4953834		Ebert, et al	9/4/1990	
	23	4965865		Trenary	10/23/1990	
	24	4972580		Nakamura	11/27/1990	
	25	4983907		Crowley	1/8/1991	

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	26	4998885		Beaman	3/12/1991	
	27	5172050		Swapp	12/15/1992	
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	44	5473510		Dozier II	12/5/1995	
	45	5476211		Khandros	12/19/1995	
	46	5476818		Yanof et al.	12/19/1995	
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	49	5534784		Lum	7/9/1996	
	50	5555422		Nakano	9/10/1996	

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	51	5569272		Reed	10/29/1996	
	52	5576630		Fujita	11/19/1996	
	53	5593322		Swamy et al.	1/14/1997	
	54	5601740		Eldridge et al	2/11/1997	
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	57	5741144		Elco et al.	4/21/1998	
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	60	5806181		Khandros et al.	9/15/1998	
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	62	5821763		Beaman et al.	10/13/1998	
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	67	5917707		Khandros et al.	6/29/1999	
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	70	5974662		Eldridge et al.	11/2/1999	
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	74	6029344		Khandros et al.	2/29/2000	
	75	6050829		Eldridge et al.	4/18/2000	

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	76	6053395		Sasaki	4/25/2000	
	77	6064213		Khandros et al.	5/16/2000	
	78	6064213		Khandros et al.	5/16/2000	
	79	6110823		Eldridge et al.	8/29/2000	
	80	6174744	B1	Watanabe et al.	1/16/2001	
	81	6184053		Eldridge et al.	2/6/2001	
	82	6229324	B1	Akram et al.	5/8/2001	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant	Publication Date	Relevant Portions	T ⁶
		Office ³	Number ⁴	Kind Code ⁵				
	83	DE	4237591		Mang	11/5/1994		
	84	DE	19610123		Haueis et al.	10/23/1997		
	85	EP	61615		Byrnes et al.	10/6/1982		
	86	EP	369112		Mang	5/23/1990		
	87	EP	460822		Frankeny et al.	12/11/1991		
	88	JP	63-268285		Tomiyasu	11/4/1988		x
	89	JP	54-146581		Fujii	11/15/1979		x
	90	JP	2144869		Fujita	6/4/1990		x
	91	JP	6265575		Masamitsu et al.	9/22/1994		x
	92	WO	97/43656		Khandros et al.	11/20/1997		
	93	WO	97/43653		Khandros et al.	11/20/1997		
	94	WO	96/38858		Khandros et al.	12/5/1996		
	95	WO	98/21597		Charmant et al.	5/22/1998		
	96	WO	96/15458		Khandros et al.	5/23/1996		
	97	WO	91/12706		Leedy	8/22/1991		

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OTHER PRIOR ART – NONPATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	98	BURBANK et al, "Automatic Test Equipment Translator Board", IBM Technical Disclosure Bulletin, Vol.21, No.4, pp.1404-1405, September 1997.	
	99	EMSWORTH, "High Density Probe Assembly", Research Disclosure 2244, No. 333, p. 33391, January 1993.	
	100	HUMENIK, "Flexible Probe Contact", IBM Technical Brochure, Vol. 22, No. 6, p.2286, (November 1979).	
	101	RENZ, U., "Multipoint Test Probe for Printed Cards", IBM Technical Disclosure Bulletin, Vol.17, No.2, pp.459-460, July 1974.	
	102	RENZ, U., "Test Probe Contact Grid Translator Board", IBM Technical Disclosure Bulletin, Vol.21, No.8, pp.3235-3236, January 1979.	
	103	SOEJIMA et al., "New Probe Microstruture For Full-Wafer Contact Probe Cards," 1999 Electronic Components and Technology Conference (1999 IEEE), pp. 1-6	

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